



1-1-1878

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THE
ANNUAL CATALOGUE
OF
BUTLER UNIVERSITY,

IRVINGTON, INDIANA,

FOR THE
TWENTY-THIRD SESSION,

1877-8.

WITH ANNOUNCEMENTS FOR 1878-9.

INDIANAPOLIS:
DOUGLASS & CARLON, PRINTERS.
1878.

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CHARLES H. CATON.

BUTLER UNIVERSITY.

CATALOGUE OF STUDENTS.

POST-GRADUATE.

Reynolds, LaFayette H. Greenfield.

SENIOR.

✓ Copeland, Ernest R. (S) Irvington.
✓ Graydon, Katherine M. (C) Indianapolis.
✓ Johnson, O. Romeo (P) Irvington.
✓ Kirkpatrick, Albert B. (S) Kokomo.
✓ O'Connor, Bizzanna (C) Indianapolis.
✓ Thornton, Charles Edgar (C) Bainbridge.

JUNIOR.

✓ Armstrong, Albert F. (C) New Market.
✓ Brown, Demarchus C. (C) Indianapolis.
✓ Cadwallader, Frank I. (P) Indianapolis.
✓ Clifford, Miles (C) Indianapolis.
✓ Clifford, Vincent G. (P) Indianapolis.
✓ Gilbert, Charles H. (S) Indianapolis.
✓ Harney, Gilbert L. (C) Dover.
✓ Harriman, Clarinda C. (C) Frankfort.
✓ Helm, Edward C. (P) Indianapolis.
✓ Hopkins, Mary Belle (C) Irvington.
✓ Kealing, Joseph B. (P) Indianapolis.
✓ Kreider, Eugene B. (C) Indianapolis.
✓ Laughlin, Edmund G. (C) Irvington.

✓ Lewis, Albert B. (C)	.	.	.	.	Chauncey, Ills.
✓ Lhaman, William J. (C)	.	.	.	.	Gambier, O.
✓ Moores, Janet D. (C)	.	.	.	.	Indianapolis.
✓ Peasley, Joseph (C)	.	.	.	.	Indianapolis.
✓ Ritter, Ben Wade (P)	.	.	.	.	Irvington.
✓ Sage William H. (P)	.	.	.	.	Indianapolis.
✓ Smith, Horace E. (C)	.	.	.	.	Indianapolis.
✓ Sulgrove, Leland (S)	.	.	.	.	Indianapolis.
✓ Wallace, Ovid (S)	.	.	.	.	Indianapolis.
✓ Young, James A. (C)	.	.	.	.	Indianapolis.

SOPHOMORE.

✓ Black, William A. (S)	.	.	.	.	Indianapolis.
✓ Boyle, Clarence (S)	.	.	.	.	Indianapolis.
✓ Brown, Hilton U. (C)	.	.	.	.	Indianapolis.
✓ Bunker, Ida M. (C)	.	.	.	.	Mechanicsb'g, O.
✓ Frazier, Flora (P)	.	.	.	.	Indianapolis.
✓ Hiatt, Clara G. (C)	.	.	.	.	Irvington.
✓ Laughlin, Letitia (S)	.	.	.	.	Irvington.
✓ Swain, Fremont T (P)	.	.	.	.	Indianapolis.
✓ Tibbott, E. Frank (S)	.	.	.	.	Irvington.
✓ Tibbott, Anna E. (S)	.	.	.	.	Irvington.
✓ Wilson, William A. (P)	.	.	.	.	Indianapolis.

FRESHMAN.

✓ Ballard, Charles F. (S)	.	.	.	.	Irvington.
✓ Campbell, Wilbur D. (C)	.	.	.	.	Indianapolis.
✓ Forsythe, Clarence (S)	.	.	.	.	Indianapolis.
✓ Gilliland, James H. (C)	.	.	.	.	Vermont, Ill.
✓ Horner, Rose E. (S)	.	.	.	.	Irvington.
✓ Hume, Olive S. (S)	.	.	.	.	Irvington.
✓ Huston, Theodore (S)	.	.	.	.	Blandinsville, Ill.
✓ King, Colin E. (P)	.	.	.	.	Indianapolis.
✓ Leathers, James M. (S)	.	.	.	.	Indianapolis.
✓ Lockwood, Edward A. (C)	.	.	.	.	Nicholsville, O.
✓ Maxwell, Charles S. (C)	.	.	.	.	Irvington.
✓ Moores, Charles W. (C)	.	.	.	.	Indianapolis.
✓ Needham, Charles E. (C)	.	.	.	.	Newcastle.
✓ Pier, Lewis A. (C)	.	.	.	.	Mentorville, Minn.

✓ Smith, Lizzie G. (S)	Irvington.
✓ Strawn, John W. (C)	New Cumberland.
✓ Tresslar, Minnie G. (P)	Indianapolis.

SECOND PREPARATORY.

Bowles, Charles D. (C)	Midland, Ills.
Brown, Corydon S. (C)	Gallaudet.
Carle, Charles J. (S)	Wapella, Ill.
Coombs, James V. (C)	Lebanon.
Cox, Fred A. (S)	Indianapolis.
Denny, Mary A. (S)	Irvington.
Effinger, John N. (S)	Peru.
Ewing, Calvin K. (C)	Indianapolis.
Goodwin, Clarence L. (P)	Long Grove, Ky.
Goodykoontz, Marion P. (C)	Sheilville.
Graham, Charles C. (S)	Irvington.
Graydon, Ellen (S)	Indianapolis.
Guffin, Lot (C)	Rushville.
Hartman, Charles H. (S)	Irvington.
Howard, Joseph H. (S)	Franklin.
Knowlton, James Wiley (S)	Indianapolis.
Leitch, Minnie C. (S)	Warrenton, Miss.
McKnight, Ella G. (S)	Indianapolis.
Metzler, Solomon (C)	Edon, O.
Moore, Charles (S)	Clarksburg.
Moran, Camden W. (C)	Eldora, Ia.
O'Connor, Maurice (S)	Indianapolis.
Powell, Samuel K. (S)	Bentonville.
Quick, George F. (S)	Frankton.
Shimer, Elias (C)	Irvington.
Smith, Cora M. (S)	Irvington.
Stevens, Charles A. (C)	Kendallville.
Thomas, Urelles M. (S)	Sharon, Minn.
Vance, Jehiel (C)	McArthur, O.
Young, Benjamin F. (P)	Hillsboro.

FIRST PREPARATORY.

Boles, William H. (C)	Marion, Ill.
Braden, Lizzie (S)	Indianapolis.
Brown, Leonidas E. (C)	Bowersville, O.

Chalcraft, Edwin L. (S)	.	.	.	Albion, Ill.
Clark, Minnie B. (S)	.	.	.	Mattoon, Ill.
Clinton, Lizzie M. (S)	.	.	.	Irvington.
Coburn, Mary (C)	.	.	.	Indianapolis.
Craw, Julian A. (C)	.	.	.	So. Butler, N. Y.
Dorsey, Robert L. (C)	.	.	.	Indianapolis.
Dunaway, George L. (S)	.	.	.	Marion, Ill.
Fish, Frances A. (S)	.	.	.	Cumberland.
Frazee, John P. (C)	.	.	.	Fayetteville.
Frazee, Samuel E. (C)	.	.	.	Indianapolis.
Gates, William N. (S)	.	.	.	Indianapolis.
Goodall, John P. (C)	.	.	.	Marion, Ill.
Goodall, George H. (C)	.	.	.	Marion, Ill.
Hadley, Oscar (P)	.	.	.	Plainfield.
Hardesty, Jennie L. (S)	.	.	.	Indianapolis.
Harrington, Henry W. (C)	.	.	.	Indianapolis.
Hayes, Daniel K. (C)	.	.	.	Cadiz.
Hoover, William H. (C)	.	.	.	Delphi.
Husted, Frances E. (S)	.	.	.	Cumberland.
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Long, Benjamin F. (S)	.	.	.	Clermont.
Long, Mary S. (S)	.	.	.	Clermont.
Monroe, Margaret E. (S)	.	.	.	Mattoon, Ill.
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Newman, Frank C (C)	.	.	.	Indianapolis.
Richardson J. Shelby (S)	.	.	.	Illioopolis, Ill.
Scott, Fred A. (S)	.	.	.	Bryan, Texas.
Sellers, Robert (S)	.	.	.	Franklin.
Shipp, May (P)	.	.	.	Indianapolis.
Shirley, Edgar W. (C)	.	.	.	Danville.
Starbuck, George B. (C)	.	.	.	Union City.
Vandeman, Ordo L. (C)	.	.	.	Irvington.
Whitcomb, George E. (S)	.	.	.	Indianapolis.

SPECIAL.

Ayers, Levi	.	.	.	Indianapolis.
Beadle, Ernest R.	.	.	.	Gainesville, N. Y.
Benton, Howard A.	.	.	.	Indianapolis.

✓ Bunker, Wade	.	.	.	.	.	Mechanicsb'g, O.
✓ Christian, Ira W.	.	.	.	.	.	Noblesville.
✓ Denny, Frank L.	.	.	.	.	.	Irvington.
✓ Denny, Ed. W.	.	.	.	.	.	Irvington.
✓ Fatout, Daniel H.	.	.	.	.	.	Indianapolis.
✓ Gardner, W. Amour	.	.	.	.	.	Paducah, Ky.
✓ Judson, Clarence H.	.	.	.	.	.	Indianapolis.
✓ Merrill, Charles W.	.	.	.	.	.	Indianapolis.
✓ New, Harry S.	.	.	.	.	.	Indianapolis.
✓ Oliver, John H.	.	.	.	.	.	Indianapolis.
✓ Vandervort, Franklin C.	.	.	.	.	.	Tonica, Ill.
✓ Williams, Hugh D.	.	.	.	.	.	Rising Sun.
✓ Bence, Annie	.	.	.	.	.	Indianapolis.
✓ Benton, Mattie	.	.	.	.	.	Indianapolis.
✓ Barr, Amanda E.	.	.	.	.	.	Breathediv'le, Md.
✓ Duncan, Elanora G.	.	.	.	.	.	Indianapolis.
✓ Everts, Juliet M.	.	.	.	.	.	Indianapolis.
✓ Frazee, Maria D.	.	.	.	.	.	Indianapolis.
✓ Hall, Mary E.	.	.	.	.	.	Indianapolis.
✓ Houston, May E.	.	.	.	.	.	Irvington.
✓ Jameson, Cordelia C.	.	.	.	.	.	Indianapolis.
✓ Landers, Louise	.	.	.	.	.	Indianapolis.
✓ McCann, Augusta F.	.	.	.	.	.	Connersville.
✓ McGaughey, Rachel	.	.	.	.	.	Acton.
✓ Shelby, Fannie E.	.	.	.	.	.	Salem, Ky.
✓ Teeter, Amanda J.	.	.	.	.	.	Pleasant Hill, O.
✓ Van Deursen, Nellie Y.	.	.	.	.	.	Paris, Ill.
✓ Williamson, Carrie M.	.	.	.	.	.	Lake City, Minn.

IRREGULAR.

✓ Daugherty, John H.	.	.	.	.	.	Irvington.
✓ Dorsey, John S.	.	.	.	.	.	Norborne, Mo.
✓ Fisher, Charles	.	.	.	.	.	Gallaudet.
✓ Gilliland, Charles E.	.	.	.	.	.	Vermont, Ill.
✓ Ingels, Howard M.	.	.	.	.	.	Bentonville.
✓ Johnson, William C.	.	.	.	.	.	Indianapolis.
✓ Jones, Fred	.	.	.	.	.	Indianapolis.
✓ Knapp, A. Scot	.	.	.	.	.	Irvington.
✓ Toner, John	.	.	.	.	.	Shelbyville.

✓ Wharton, Harvey O.	Waverly.
✓ Young, Robert L.	Indianapolis.
✓ Bullock, Maggie	Irvington.
✓ Goodall, Anna	Marion, Ill.
✓ Gould, Rosa A.	Brookfield.
✓ Rudy, Anna	Paris, Ill.
✓ Rudy, California	Paris, Ill.
✓ Schildmeier, Emma E.	Juliette.
✓ Schildmeier, Louisa E.	Juliette.
✓ Shelby, Helen A.	Salem, Ky.
✓ Toner, Carrie L.	Shelbyville.
✓ Van Nuys, Minnie A.	Lewisville.

GRAMMAR SCHOOL.

Beatty, Henry S.	Indianapolis.
Crum, John W.	—
Dale, Charles F.	Rushville.
Deer, John W.	Franklin.
Eby, Frank W.	Roann.
Greenstreet, Thomas H.	Irvington.
Griffis, Hugh	Irvington.
Harrison, Benjamin	Indianapolis.
Hayes, Seth N.	Irvington.
Jaques, William F.	Warsaw.
Manier, John E.	Marion, Ill.
McCauley, Frank	Warsaw.
McGee, Omar	Rushville.
Morris, Frank M.	Indianapolis.
Phillips, Lewis O.	Newcastle, Pa.
Patterson, A. Edward	Indianapolis.
Pulley, James D.	Marion, Ill.
Reynolds, Robert L.	Indianapolis.
Shortridge, Willard	Indianapolis.
Snell, Charles E.	Union City.
Hannah, Jennie E.	Paris, Ill.
Laughlin, Mary	Irvington.
Phillips, Sallie J.	Newcastle, Pa.
Phillips, Fannie M.	Newcastle, Pa.
Schenck, Emma G.	Paris, Ill.

BUTLER UNIVERSITY.

II

Taylor, Helen M.	Irvington.
✓ Wilson, Adelia	Irvington.

BIBLE DEPARTMENT.

✓ Armstrong, Albert F.	New Market.
✓ Boles, William H.	Marion, Ill.
✓ Brown, Leonidas E.	Bowersville, O.
✓ Coombs, James V	Lebanon.
✓ Gilliland, James H.	Vermont, Ill.
✓ Goodykoontz, Marion P.	Sheilville.
✓ Harney, Gilbert L.	Dover.
✓ Hayes, Daniel K.	Cadiz.
✓ Hoover, William H.	Delphi.
✓ Laughlin, Edmund G.	Irvington.
✓ Lhaman, William J.	Gambier, O.
✓ Metzler, Solomon	Edon, O.
✓ Moran, Camden W.	Eldora, Ia.
✓ Mullendore, William	Franklin.
✓ Peasley, Joseph	Indianapolis.
✓ Pier, Lewis A.	Mentorv'lle, Minn.
✓ Sellers, Robert	Franklin.
✓ Strawn, John W.	New Cumberland.
✓ Stevens, Charles A.	Kendallville.
✓ Thomas, Urelles M.	Sharon, Minn.
✓ Vance, Jehiel	McArthur, O.
✓ Young, James A.	Indianapolis.

ABBREVIATIONS. (C.) Classical.
 (S.) Scientific.
 (P.) Philosophical.

SUMMARY OF STUDENTS.

Post-Graduates,	1
Seniors,	6
Juniors,	23
Sophomores,	11
Freshmen,	17
Second Preparatory,	30
First Preparatory,	37
Special,	31
Irregular,	21
Grammar School,	27
Bible Department,	22
	<hr/>
	226
Counted twice—deduct	22
	<hr/>
Total,	204

ENTERING THE UNIVERSITY.

To enter any department of the Institution, the student will be required, in his application paper, which will be furnished him,

1. To present to the President satisfactory evidence of good moral character and sufficient attainments to enter the Institution.
2. To obtain the Treasurer's signature by paying all necessary fees for at least one term.
3. To pass the necessary preliminary examination, and obtain the signature of each Professor whose class he enters.
4. To present his application paper, thus endorsed, to the President, subscribe to the By-Laws of the Institution as a promise of their observance, and receive from him a card of admission to his class.

COURSES OF STUDY.

FRESHMAN YEAR.

FIRST TERM.

*Classical.**Scientific.**Philosophical.*

Cicero's Orations (3).....4	Natural History.....4	Cicero's Orations (3) ..4
Anabasis.....4	German.....4	German.....4
Geometry (5 books).....4	Geometry (5 books).....4	Geometry (5 books)....4
English.....2	English.....2	English.....2
Bible Analysis.....2	Bible Analysis.....2	Bible Analysis.....2

SECOND TERM.

Virgil's Æneid (2 b'ks)....4	Natural History.....4	Virgil's Æneid (2 b'ks) 4
Homer's Iliad .....4	German.....4	German.....4
Geometry (5 books).. ....4	Geometry (5 books)....4	Geometry (5 books)....4
English .....2	English.....2	English .....2
Bible ... .....2	Bible .....2	Bible ....2

THIRD TERM.

Virgil's Æneid (2 books)..4	Natural History.....4	Virgil's Æneid (2 bk's).4
Iliad .....4	German .....4	German .....4
Plane Trigonometry and Surveying .....4	Plane Trigonometry and Surveying .....4	Plane Trigonometry and Surveying .....4
English .....2	English.....2	English .....2
Bible... .....2	Bible .....2	Bible .....2

SOPHOMORE YEAR.

FIRST TERM.

Livy's History (21st b'k)..4	Analytical Geometry...4	Livy's Hist. (21st b'k)..4
Herodotus.....4	German .....4	German .....4
Physiology.....4	Physiology.....4	Physiology.....4
English .....2	English .....2	English .....2
Bible .....2	Bible.....2	Bible.....2

SECOND TERM.

<i>Classical.</i>	<i>Scientific.</i>	<i>Philosophical.</i>
Horace's Odes & Epodes...4	Calculus-Dif.....4	Horace's Od's & Ep'des.4
Thucydides.....4	French.....4	French .....4
Physiology and Botany, each a half term.....4	Physiology & Botany...4	Physiology & Botany...4
English .....2	English .....2	English.....2
Bible .....2	Bible.....2	Bible .....2

THIRD TERM.

Horace-Art of Poetry.....4	Calculus-Int.....4	Horace--Art of Poetry..4
Plato .....4	French.....4	French .....4
Botany... ..4	Botany .....4	Botany .....4
English.....2	English.....2	English.....2
Bible .....2	Bible.....2	Bible.....2

JUNIOR YEAR.

FIRST TERM.

Selections from Cicero or N. T. Greek.....2	Mechanics.....2	Selections from Cicero..2
Demosthenes or Hebrew..4	French.....4	French.....4
Zoology or German.....4	Zoology .....4	Zoology .. .....4
Chemistry.....3	Chemistry .....3	Chemistry .....3
History.....3	History. ....3	History.....3

SECOND TERM.

Selections from Cicero.....2	French .....4	Selections from Cicero..2
Greek Tragedy or Heb....4	Chemistry .....3	French.....4
New Testament Greek.....3	Zoology .....4	Chemistry.....3
Zoology, French or Ger...4	History.....1	Zoology.....4
History.....1	Physics .....2	History .....1
Physics .....2	Lab. Work .....2	Physics .....2

THIRD TERM.

Greek History of Lit.....2	Nat. Hist. Collecting...2	Nat. Hist. Collecting...2
	English Classics.....4	
New Testament Greek.....2	French.....4	French .....4
Heb'w, Fr'h or Germ'n....4	History.....1	English Classics.....4

<i>Classical.</i>	<i>Scientific.</i>	<i>Philosophical.</i>
English Classics.....4	Physics .....3	History.....1
History.....1	Chemistry .....2	Physics.....3
Physics .....3		Chemistry.....2

SENIOR YEAR.

FIRST TERM.

Spherical Trigonometry, Navigation and Astronomy .....4	Spherical Trigonometry, Navigation and Astronomy .....4	Spherical Trigonometry, Navigation and Astronomy.....4
Mental Philosophy.....4	Mental Philosophy.....4	Mental Philosophy.....4
Geology.....4	Geology .....4	Geology .....4
Rhetoric .....3	Rhetoric .....3	Rhetoric.....3
General Literature, Lectures.....1	General Literature, Lectures.....1	General Literature, Lectures.....1

SECOND TERM.

Geology ... ..2	Geology .....2	Geology .....2
Constitution of U. S....2	Constitution of U. S....2	Constitution of U. S....2
Moral Philosophy.....4	Moral Philosophy.....4	Moral Philosophy.....4
English Literature.....3	English Literature.....3	English Literature.....3
General Literature.....1	General Literature.....1	General Literature.....1

ELECTIVE.

German—Faust	German—Faust	German—Faust
French—Cid.....	French—Cid.....	French—Cid.....
Astronomy .....4	Theory of Equations	Astronomy .....4
Rhetoric .....4	Modern Geometry...4	Rhetoric.....4
	Astronomy	
	Rhetoric.....	

THIRD TERM.

Logic.....4	Logic.....4	Logic.....4
Æsthetics.....3	Æsthetics.....3	Æsthetics.....3
Political Economy.....3	Political Economy.....3	Political Economy.....3
Christian Evidences, Lectures.....2	Christian Evidences, Lectures.....2	Christian Evidences, Lectures.....2

ELECTIVE.

English Literature...	English Literature...	English Literature...
Advanced German...	Advanced German...	Advanced German...
Advanced French....4	Advanced French....4	Advanced French....4
Comparative Anat...	Advanced Math.....	Comparative Anat...
	Comparative Anat...	

COURSES OF STUDY.

By inspecting the foregoing curriculum, it will be seen that three carefully prepared courses of study have been laid down for the University students, and a curriculum of three courses also added, which see next page, for Preparatory students. While it is not the intention of the institution long to maintain courses of preparatory study, but gradually work up to, and ultimately receive only such students as are ready to enter the Freshman class, for the present, and at least until those already in the Preparatory course have reached the Freshman year, the present arrangement has been made.

Students entering the University will select one of the three courses laid down, and in no case will a change be allowed during term time, nor will any irregularity in classification be allowed, except in those cases where the age or health of the student may make it proper for the President to advise a "Special Course."

PREPARATORY DEPARTMENT.

COURSES OF STUDY.

First Year.

FIRST TERM.

Classical.

<i>Latin</i> —Grammar	4
<i>English</i> —Analysis.....	5
<i>History</i> —Ancient.....	5

Scientific and Philosophical.

<i>Latin</i> —Grammar..	4
<i>English</i> —Analysis	5
<i>History</i> —Ancient.....	5

SECOND TERM.

<i>Latin</i> —Syntax of Nouns.....	4
<i>English</i> —Synonyms.....	4
<i>History</i> —Medieval.....	4
<i>Physical Geography</i>	4

<i>Latin</i> —Syntax of Nouns.....	4
<i>English</i> —Synonyms	4
<i>History</i> —Medieval.....	4
<i>Physical Geography</i>	4

THIRD TERM.

<i>Latin</i> —Syntax of Verbs; Exercises in Translation.....	4
<i>English</i> —Hart's Rhetoric.....	4
<i>History</i> —Modern.....	4
<i>Natural History</i>	4

<i>Latin</i> —Syntax of Verbs.....	4
<i>English</i> —Hart's Rhetoric.....	4
<i>History</i> —Modern	4
<i>Natural History</i>	4

Second Year.

FIRST TERM.

<i>Latin</i> —Cæsar.....	4
<i>Greek</i> —Grammar.....	4
<i>Mathematics</i> —Algebra.....	4
<i>English</i> —Hart's Rhetoric.....	4

<i>Latin</i> —Cæsar	4
<i>German</i>	4
<i>Mathematics</i> —Algebra	4
<i>English</i> —Hart's Rhetoric.....	4

SECOND TERM.

<i>Classical.</i>		<i>Scientific and Philosophical.</i>	
<i>Latin</i> —Cæsar	4	<i>Latin</i> —Cæsar	4
<i>Greek</i> —Grammar and Exercise		<i>German</i>	4
Book.....	4	<i>Mathematics</i> —Algebra.....	4
<i>Mathematics</i> —Algebra.....	4	<i>English</i> —Hart's Rhetoric.....	4
<i>English</i> —Hart's Rhetoric.....	4		

THIRD TERM.

<i>Latin</i> —Virgil	4	<i>Latin</i> —Virgil	4
<i>Greek</i> —Anabasis.....	4	<i>German</i>	4
<i>Mathematics</i> —Algebra.....	4	<i>Mathematics</i> —Algebra.....	4
<i>English</i> —Lessons.....	4	<i>English</i> —Lessons	4

SCHEME OF DAILY RECITATIONS.

FIRST TERM.

<i>Hours.</i>	<i>Days.</i>	<i>Bible.</i>	<i>Mental and Moral Science.</i>	<i>Mathematics.</i>	<i>English.</i>	<i>Latin.</i>	<i>Greek.</i>	<i>Natural History.</i>	<i>Chemistry.</i>	<i>Modern Languages.</i>	<i>Preparatory.</i>
9	Mon.	.....	Sen. Gen'l Lit.	.....	2nd Prep.	Fresh.	.....	Soph. Phys.	.....	.....	1st Pre. Hist.
	Tues.	.....	Jun. Heb. Elec.*	.....	2nd Prep.	Fresh.	.....	Soph. Phys.	.....	.....	1st Pre. Hist.
	Wed.	Fresh.	Sen. Rhetoric.	.....	2nd Prep.	J. Elect.*	.....	Soph. Phys.	Jun. Mech.	.....	1st Pre. Hist.
	Thurs.	Soph.	Sen. Rhetoric.	.....	2nd Prep.	Fresh.	.....	.....	Jun. Mech.	.....	1st Pre. Hist.
	Fri.	.....	Sen. Rhetoric.	.....	Jun. History.	Fresh.	.....	Soph. Phys.	.....	.....	1st Pre. Hist.
10	Mon.	.....	Sen. Ment. Phil.	Fresh. Geo.	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2 P. Germ.	.....
	Tues.	.....	Sen. Ment. Phil.	Fresh. Geo.	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2 P. Germ.	.....
	Wed.	.....	Sen. Ment. Phil.	Fresh. Geo.	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2 P. Germ.	.....
	Thurs.	Fresh.	Sen. Ment. Phil.	.....	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2 P. Germ.	.....
	Fri.	Soph.	.....	Fresh. Geo.	1st Prep.	J. Elect.*	.....	.....	.....	.....	.....
11	Mon.	J. Elect.*	.....	.....	Jun. History.	1st Prep.	Fresh.	.....	.....	Fresh. Ger.	.....
	Tues.	N. T. Gk,	.....	2d Pre. Alg.	Soph.	1st Prep.	Fresh.	Sen. Geol.	.....	Fresh. Ger.	.....
	Wed.	N. T. Gk,	.....	2d Pre. Alg.	.....	.....	Fresh.	Sen. Geol.	.....	Fresh. Ger.	.....
	Thurs.	.....	Jun. Heb. Elec.*	2d Pre. Alg.	Soph.	1st Prep.	Fresh.	Sen. Geol.	.....	Fresh. Ger.	.....
	Fri.	.....	Jun. Heb. Elec.*	2d Pre. Alg.	Fresh.	1st Prep.	.....	Sen. Geol.	.....	.....	.....
2	Mon.	.....	Jun. Heb. Elec.*	Sen. S. Trig	Fresh.	2d Prep.	.....	.....	.....	.....	.....
	Tues.	.....	.....	Sen. S. Trig	Jun. History.	2d Prep.	Soph.	F. N. Hist.	.....	Soph. Ger.	.....
	Wed.	.....	.....	Sen. S. Trig	.....	2d Prep.	Soph.	F. N. Hist.	Jun. Chem.	Soph. Ger.	.....
	Thurs.	.....	.....	Sen. S. Trig	.....	2d Prep.	Soph.	F. N. Hist.	Jun. Chem.	Soph. Ger.	.....
	Fri.	.....	.....	.....	.....	.....	Soph.	F. N. Hist.	Jun. Chem.	Soph. Ger.	.....
3	Mon.	.....	.....	S. An. Geo.	.....	.....	Jun. Elect.	.....	.....	Jun French	.....
	Tues.	.....	.....	S. An. Geo.	.....	.....	Jun. Elect.	.....	.....	Jun French	.....
	Wed.	.....	.....	S. An. Geo.	.....	.....	Jun. Elect.	.....	.....	Jun French	.....
	Thurs.	.....	.....	S. An. Geo.	.....	.....	Jun. Elect.	.....	.....	Jun French	.....
	Fri.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Junior Electives belong only to the Classical Course. Electives in the Senior Year run through the three Courses.

SCHEME OF DAILY RECITATIONS.

SECOND TERM.

20

ANNUAL CATALOGUE OF

<i>Hours.</i>	<i>Days.</i>	<i>Bible.</i>	<i>Mental and Moral Sciences.</i>	<i>Mathematics.</i>	<i>English.</i>	<i>Latin.</i>	<i>Greek.</i>	<i>Natural History.</i>	<i>Chemistry.</i>	<i>Modern Languages.</i>	<i>Preparatory.</i>
9	Mon.	.....	Sen. Gen. Lit.	.....	2nd Prep.	Fresh.	.....	S. Phy&Bot	Jun Physics	.....	1st Prep. Hist
	Tues.	.....	Jun. Heb. Elec.*	.....	Sen. Eng. Lit.	Fresh.	.....	S. Phy&Bot	.....	S. Ger. Elec	1st Prep. Hist
	Wed.	Fresh.	Sen. Const. U.S.	.....	2nd Prep.	Jun.	.....	S. Phy&Bot	.....	S. Ger. Elec	1st Prep. Hist
	Thurs.	Soph.	Sen. Rhet. Elect	.....	2nd Prep.	Fresh.	.....	.....	Jun Physics	S. Fr. Elec.	1st Prep. Hist
	Fri.	N.T. G'k	Sen. Rhet. Elect	.....	2nd Prep.	Fresh.	.....	S. Phy&Bot	.....	S. Fr. Elec.	.....
10	Mon.	.....	Sen. Mor. Phi.	Fresh. Geo.	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2nd P. Ger.	.....
	Tues.	.....	Sen. Mor. Phi.	Fresh. Geo.	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2nd P. Ger.	.....
	Wed.	.....	Jun. Heb. Elec.*	Fresh. Geo.	Sen. Eng. Lit.	Soph.	.....	.....	.....	.....	.....
	Thurs.	Fresh.	Sen. Mor. Phi.	.....	1st Prep.	Soph.	2nd Prep.	Jun. Zool.*	.....	2nd P. Ger.	.....
	Fri.	Soph.	Sen. Mor. Phi.	Fresh. Geo.	1st Prep.	.....	2nd Prep.	Jun. Zool.*	.....	2nd P. Ger.	.....
11	Mon.	.....	Sen. Const. U.S.	.....	Jun. History.	1st Prep.	Fresh.	.....	.....	Fresh. Ger.	.....
	Tues.	N.T. G'k	.....	2d P. Alge.	Soph.	1st Prep.	Fresh.	Sen. Geol.	.....	Fresh. Ger.	.....
	Wed.	N.T. G'k	.....	2d P. Alge.	.....	1st Prep.	Fresh.	Sen. Geol.	.....	Fresh. Ger.	.....
	Thurs.	.....	Jun. Heb. Elec.*	2d P. Alge.	Soph.	1st Prep.	Fresh.	.....	.....	Fresh. Ger.	.....
	Fri.	.....	.....	2d P. Alge.	Fresh.	Jun.	.....	.....	.....	.....	.....
2	Mon.	.....	Jun. Heb. Elec.*	Sen. Elect.	Fresh.	2d Prep.	.....	.....	.....	.....	.....
	Tues.	.....	.....	Sen. Elect.	.....	.....	Soph.	Fresh Anat	.....	Soph. Fr'ch	1 P Phys Geo
	Wed.	.....	.....	Sen. Elect.	.....	2d Prep.	Soph.	Fresh Anat	Jun. Chem.	Soph. Fr'ch	1 P Phys Geo
	Thurs.	.....	.....	Sen. Elect.	.....	2d Prep.	Soph.	Fresh Anat	Jun. Chem.	Soph. Fr'ch	1 P Phys Geo
	Fri.	.....	.....	.....	Sen. Eng. Lit.	2d Prep.	Soph.	Fresh Anat	Jun. Chem.	Soph. Fr'ch	1 P Phys Geo
3	Mon.	.....	.....	S. Dif. Cal.	.....	.....	Jun. Elect*	Sen. Elect.	.....	Jun. Fr'ch.	.....
	Tues.	.....	.....	S. Dif. Cal.	.....	.....	Jun. Elect*	Sen. Elect.	Lab. W'k.	Jun. Fr'ch.	.....
	Wed.	S. Dif. Cal.	Jun. Elect*	Sen. Elect.	Lab. W'k.	Jun. Fr'ch.
	Thurs.	S. Dif. Cal.	Jun. Elect*	Sen. Elect.	Jun. Fr'ch.
	Fri.

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SCHEME OF DAILY RECITATIONS.

THIRD TERM.

Hours.	Days.	Bible.	Mental and Moral Sci.	Mathematics.	English.	Latin.	Greek.	Natural History.	Chemistry.	Modern Languages.	Preparatory.
9	Mon.	.....	Jun. Hebrew. *	.....	1st Prep.	Fresh.	2nd Prep.	Soph. Bot.	.....	2 P. Germ.	.....
	Tues.	.....	.....	.....	S. Eng. Lit. El	Fresh.	.....	Soph. Bot.	Jun. Phcs.	.....	.....
	Wed.	Fresh.	Sen. Polit. Econ.	.....	1st Prep.	.....	2nd Prep.	Soph. Bot.	.....	2 P. Germ.	.....
	Thurs.	Soph.	Sen. Polit. Econ.	.....	1st Prep.	Fresh.	2nd Prep.	.....	.....	2 P. Germ.	.....
	Fri.	.....	Sen. Polit. Econ.	.....	1st Prep.	Fresh.	2nd Prep.	Soph. Bot.	.....	2 P. Germ.	.....
10	Mon.	.....	Sen. Logic.	Fresh. Trig	Jun. Eng. Cla.	Soph.	.....	.....	.....	.....	1 P. History.
	Tues.	.....	Sen. Logic.	Fresh. Trig	Jun. Eng. Cla.	Soph.	.....	.....	.....	Sen. Ger. El	1 P. History.
	Wed.	.....	Jun. Hebrew. *	Fresh. Trig	S. Eng. Lit. El	Soph.	.....	.....	.....	Sen. Ger. El	1 P. History.
	Thurs.	Fresh.	Sen. Logic.	.....	Jun. Eng. Cla.	Soph.	.....	.....	.....	Sen. Fr. El.	1 P. History.
	Fri.	Soph.	Sen. Logic.	Fresh. Trig	Jun. Eng. Cla.	.....	.....	.....	.....	Sen. Fr. El.	.....
11	Mon.	.....	Sen. Æsthetics.	2d P. Alge.	Jun. History.	1st Prep.	Fresh.	.....	.....	Fresh. Ger.	.....
	Tues.	N. T. G'k	Sen. Æsthetics.	2d P. Alge.	Soph.	1st Prep.	Fresh.	Sen. Elect.	.....	Fresh. Ger.	.....
	Wed.	N. T. G'k	Sen. Æsthetics.	2d P. Alge.	.....	.....	Fresh.	Sen. Elect.	.....	Fresh. Ger.	.....
	Thurs.	Chris. Ev	.....	.....	Soph.	1st Prep.	Fresh.	Sen. Elect.	Jun. Phcs.	Fresh. Ger.	.....
	Fri.	Chris. Ev	Jun. Hebrew. *	2d P. Alge.	Fresh.	1st Prep.	.....	Sen. Elect.	.....	.....	.....
2	Mon.	.....	Jun. Hebrew. *	Sen. Elect.	Fresh.	2d Prep.	.....	.....	.....	.....	.....
	Tues.	.....	.....	Sen. Elect.	.....	.....	Soph.	Fresh. Orn.	J. Lab. W'k	Soph. F'ch.	1 P. Nat. Hist
	Wed.	.....	.....	Sen. Elect.	.....	2d Prep.	Soph.	Fresh. Orn.	J. Lab. W'k	Soph. F'ch.	1 P. Nat. Hist
	Thurs.	.....	.....	Sen. Elect.	.....	2d Prep.	Soph.	Fresh. Orn.	J. Lab. W'k	Soph. F'ch.	1 P. Nat. Hist
	Fri.	.....	.....	.....	S. Eng. Lit. El	2d Prep.	Soph.	Fresh. Orn.	Jun. Phcs.	Soph. F'ch.	1 P. Nat. Hist
3	Mon.	.....	.....	S. Int. Cal.	2nd Prep.	.....	J. Hist. Lit.	.....	.....	Jun. F'ch.	.....
	Tues.	.....	.....	S. Int. Cal.	2nd Prep.	.....	J. Hist. Lit.	.....	.....	Jun. F'ch.	.....
	Wed.	S. Int. Cal.	2nd Prep.	Jun. Collec	Jun. F'ch.
	Thurs.	S. Int. Cal.	2nd Prep.	Jun. Collec	Jun. F'ch.
	Fri.

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DEPARTMENTS OF STUDY.

The following will exhibit the course of study required for graduation in the Colleges already organized. Additional Colleges will be opened as the wants of the Institution may demand :

I.

BIBLICAL LITERATURE AND CHRISTIAN EVIDENCES.

O. A. BURGESS, *Professor.*

In this department the Bible is, and is *in perpetuo* to remain the text-book. At present two years, the Freshman and Sophomore, are devoted to its study, besides a full and elaborate discussion of Christian evidences during the Senior year.

In the Freshman year, the Pentateuch, Job, selections from the Psalms, and the book of Daniel are studied. In the Sophomore, Matthew and John's Gospels, and the Epistles to the Romans, Galatians and Hebrews. The teaching is by lectures, embracing critical examination of the text, the discussion of the chronology, history, poetry, prophecy and morality of the Bible, the classes at regular times being required to ask and answer such questions as will assure a proper understanding of the study.

In the Senior year, lectures are delivered on the evidences of Christianity, which embrace not only the general questions of New Testament truth, but also the discussion of so-called "modern scepticism" resting, or supposed to rest, upon modern science. This course of lectures, as well indeed as the whole Biblical course, will be found specially beneficial to those young men who intend to enter the ministry, as also to those who have already done so, but have not fully acquainted themselves with these subjects.

II.

PURE AND APPLIED MATHEMATICS.

W. M. THRASHER, *Professor*.

In the Classical and Philosophical courses, Mathematics will embrace Algebra, Geometry, Trigonometry, and their applications to Mechanics and Astronomy.

In the Scientific course will be given, in addition, a tolerably thorough course in Analytical Geometry, Differential and Integral Calculus, and Analytical Mechanics, with an elective course in Theory of Equations, Modern Geometry, Circular Functions, Analytical Mechanics.

Requisites for entering the Freshman Year—Loomis's Higher Algebra to page 205.

First Term, *Preparatory Course*, may be devoted to elements, factoring, multiple, divisor, equations of first degree, involution, evolution. Second Term—Radicals, equations of second degree, ratio. Third Term—Progressions, binomial theorem, series, logarithmic formula and applications, and, possibly, the general theory of equations.

Freshman Year.—First Term—Loomis's Geometry, five books. Second Term—Books 6th to 10th, inclusive. Third Term—Loomis's Plane Trigonometry, and Surveying.

Sophomore Year (Scientific).—First Term—Ray's Analytical Geometry, plane and solid, omitting abridged notation. Second Term—Ray's Differential Calculus. Third Term—Ray's Integral Calculus.

Junior Year (Scientific).—First Term—Smith's (Harper) Analytical Mechanics, 168 pages. First eight weeks of Second Term—Same, completed.

(Classical and Philosophical).—First eight weeks of the Second Term will be devoted to Mechanics, embraced in the first 250 pages of Todhunter's Natural Philosophy, volume 1. At this point they are joined by the Scientifics, and during the remainder of the term finish volume 1, and Heat, of volume 2.

Third Term—Class finish volume 2, and attend a short lecture course, by Professor D. S. Jordan, on Electricity and Magnetism.

Senior Year.—First Term—The necessary formulæ of Spherical Trigonometry will be mastered, after which Loomis's Treatise on Astronomy will be completed. Second and Third Terms, elective course—Todhunter's Trigo-

nometry, Mulcahy's Modern Geometry, Dostor's Determinants, Bartlett's or Wood's Analytical Mechanics, Modern Languages, Natural Science.

SPECIAL WORK.

Students desiring a more exhaustive mathematical knowledge than is possible in the general scheme, can arrange a one or two years course in Theory of Equations, Modern Geometry, Circular Functions, Determinants, Analytical Geometry in plane and space, Calculus, Mechanics, and Theoretical Astronomy.

The course and text-books can be determined by letter, or personal consultation with the Professor of Department.

III.

ENGLISH LITERATURE.

CATHARINE MERRILL, *Professor.*

Before entering the Freshman class, the student must be well-grounded in grammar and the elements of rhetoric.

In the Freshman class he is exercised in Abbott's "How to Write Clearly," in original composition, in themes on historical subjects, and in filling out notes taken by himself from class lectures on Early English History.

The Sophomore writes themes on historical subjects in connection with the study of Green's "History of the English People."

The Junior studies Bacon, Shakespeare and Milton, and other Classics, and, by means of class lectures, Modern European History.

The Senior makes use of Backus Shaw's English Literature as a text-book. Seniors and Juniors write critical essays.

Original productions, after receiving the private criticisms of the Professor, are read in the presence of the class, and are criticised by the class.

It is hoped that the method adopted in the Department will tend to the production of clearness of thought, facility of expression and love for a pure literature.

IV.

LATIN LANGUAGE AND LITERATURE.

SCOT BUTLER, *Professor.*

Students of Science take only the preparatory course in Latin; students

of Arts and of Philosophy take also the college course. Applicants for admission to advanced classes must pass examination on the work which precedes. In writing Latin the quantities must be marked; in pronunciation the Roman method is followed.

The following are the text-books used: Chase and Stuart's Classical Series, Allen and Greenough's Latin Grammar, Leighton's Latin Lessons, Allen's Latin Composition, Liddell's History of Rome.

The following books of reference are required: White's Junior Student's Latin-English and English-Latin Lexicon, Smith's Classical Dictionary, Schmidt's Classical Atlas, Brambach's Latin Orthography, Doederlein's Latin Synonyms.

ANNOUNCEMENTS FOR THE SESSION OF 1878-79.

The First Preparatory class will begin the study of Latin grammar, having, in connection with grammar lessons, easy exercises in translation; in the third term will read the first Book of Cæsar's Commentaries.

In the Second Preparatory class three books of Cæsar's Commentaries will be read in the first and second terms, and two of Cicero's Orations against Catiline in the third term. The class will go over last year's work in the grammar, and, beginning at the forty-ninth lesson of Leighton's Latin Lessons, will translate all the English sentences into Latin.

Freshmen will read, first term, three of Cicero's Orations; second and third terms, four books of Virgil's *Æneid*; will have lessons in Latin Composition and in Roman History throughout the year.

Sophomores will read, first term, the twenty-first book of Livy's History; second term, selected Odes and Epodes of Horace; third term, Horace's Art of Poetry; will have lessons in Latin composition through the first and second terms, and in the third term will review Latin grammar.

Juniors will read, during the first and second terms, selected parts of Cicero's Tusculan Disputations, Old Age, Friendship, and Dream of Scipio; will have a lecture each week on Roman Literature.

V.

THE GREEK LANGUAGE AND LITERATURE.

A. R. BENTON, *Professor*.

For admission to the Freshman class students will be required to pass an examination on all the general principles of Greek Grammar except Prosody, on Jones' Greek Prose Composition or White's First Lessons in Greek or an

equivalent (the English exercises to be translated into Greek with the accents), and on one book of Xenophon's *Anabasis*.

The Preparatory class will use White's *First Lessons in Greek*, and Goodwin's *Greek Grammar*, will study Jones' *Greek Prose Composition*, and Xenophon's *Anabasis* (Boise) one term. All other classes at present use Hadley's *Grammar*.

The Freshman class will read the *Anabasis* (Boise) one term, and Homer's *Iliad* (Mather) two terms. A daily drill in Greek Prose Composition (Arnold) will be continued through the year. Particular attention will be given to Prosody and scanning during the study of Homer, and the *History of Greece* (Smith), from the earliest period to the end of the Persian wars, will be studied within the year.

The Sophomore class will read Herodotus (Mather) the first, Thucydides the second, and Plato's *Apology* and *Crito* (Tyler) the third term. They will be required to study the *History of Greece* from the close of the Persian wars to the close of the Peloponnesian war; also Grote's chapter on Socrates. Special attention will be given to securing an elegant English version of the authors read.

The Junior class will read Demosthenes de Corona (Champlin) during the first term, and a Greek tragedy of Æschylus, Sophocles or Euripides during the second term. It will be the constant aim in reading these authors to express their meaning in concise and vigorous English. The *History of Greece* during the Macedonian Supremacy will be studied. Twice a week during the third term the *History of Greek Literature* will be taught, partly by means of a text-book and partly by lectures. Select passages in the various authors not previously read will be given the class for translation.

BOOKS OF REFERENCE.

Every student in the College classes must be provided with a good *History of Greece*, *Classical Atlas*, *Classical Dictionary* and *Greek-English Lexicon*. Long's *Classical Atlas*, Anthon's or Smith's *Classical Dictionary*, Smith's or Grote's *History of Greece*, and Liddell and Scott's *Greek-English Lexicon* are recommended.

Smith's *Dictionary of Antiquities*, Autenrieth's *Homeric Dictionary*, and Yonge's *English-Greek Lexicon* are also valuable auxiliaries.

VI.

NATURAL HISTORY.

D. S. JORDAN, *Professor and Dean of the College of Science.*

C. H. GILBERT, *Instructor in Natural History.*

The instruction in this department is given by means of lectures and laboratory practice, with oral recitations and occasional written examinations upon the matter given in the lectures. No text-book recitations are required.

The Freshmen in the Course of Science will devote the first term to a study of the objects contained in the cabinet; the second term to the study of the anatomy of the familiar animals, using Vaughn's Osteology and Myology of the Domestic Fowl as a text-book, and the third term to a study of the birds of this region.

Physiology is taught during first half of the Sophomore year. In this branch Huxley and Youman's Physiology is required as a work of reference. Botany occupies the last half of the same year, most of the third term being devoted to botanical analysis. The text-book used is Gray's Manual of Botany. Zoology is taught during the first and second terms of the Junior year. Orton's Comparative Zoology is used as a book of reference and Jordan's Manual of Vertebrates as a guide to laboratory work. Geology occupies the first and second terms of the Senior year; Dana's Manual or Text Book of Geology being required as a work of reference. Mineralogy is taught in connection with Geology. In the third term of each year, occasional excursions to points of interest and more or less of field work are required.

Post-Graduate course of instruction will be given if desired, in Systematic Zoology, Comparative Anatomy, Palæontology or Botany.

A scientific expedition and summer school is undertaken every summer under the direction of the Professor of Natural History. The expedition of 1878 will visit the mountains of Tennessee, North Carolina, South Carolina and Georgia.

Students entering the Freshman class, will be required to pass an examination in the following subjects or an equivalent: Physical Geography (Guyot); Natural History (Jordan's Manual). Instruction in these branches will be given in the Preparatory Department of the University during the first year.

VII.

INTELLECTUAL, MORAL AND POLITICAL PHILOSOPHY,
LOGIC AND RHETORIC.

A. R. BENTON, *Professor and Dean of the College of Literature.*

I. Instruction in Psychology is given by means of lectures, and a text-book. Lectures are given in order to introduce new topics, not treated in the text-book, or to give more ample discussion to subjects but partially treated by the author. Class discussions on controverted points are encouraged, and essays are required. Haven is used as a text-book. A course of lectures on the History of Philosophy is delivered the second term of the Senior year—one lecture per week.

II. In Ethics, embracing theoretical and practical morals, there is full discussion of the principles of the science, and of the problems of personal and social duty.

III. Political Economy, a subject associated with Ethics, is taught chiefly by a text-book; and incidentally, questions of sociology are discussed. There are three exercises per week, the third term of the Senior year. Perry is used as a text-book. Also, a course of lectures on the Constitution of the United States is delivered to the Senior class—two lectures each week—the second term of the Senior year. Also, a course of lectures will be given on General Literature, extending through the first and second terms—one lecture per week.

IV. Logic is taught by lectures, and a text-book. The nature and laws of thought are taught by lectures, and formal logic by a text-book. For the latter purpose Coppee is used.

In Rhetoric, as taught in the Senior year, chief attention is given to the nature and use of figures; the arrangement of arguments in discourse; and criticism of style. Bain is used as a text-book; but special lectures are given, and praxis required of the classes in Logic and Rhetoric.

The studies of a Post-Graduate course, taught by the Professor of this department, are as follows: History of Philosophy, History of Civilization, History of the Constitution of the United States, Constitutional History of England, and Introduction to Roman Law.

VIII.

PHYSICS AND CHEMISTRY.

Instruction by Professors THRASHER and JORDAN.

In the course of Arts and Philosophy, Physics will occupy the first term of the Sophomore year. The text-book will be Arnot's Elements.

In the Scientific course, Physics (Atkinson's Ganot's) will be taught during the second and third terms of the Junior year.

Students in each of the three courses will begin Chemistry by lectures, with the first term of the Junior year, using Roscoe's Chemistry as text-book. This term, only, will be required for the course of Arts; the following term, additional, will be given in the Philosophical course, while the Scientific course will require the entire year. Introductory Chemical Practice by Caldwell and Brenneman will be the text-book during the second term. Lectures will be given the class during the second and third terms, and during this time, also, four hours of laboratory practice will be required per week. The chemical laboratory is provided with all the necessary apparatus and chemicals for the study of Quantitative and Qualitative Analysis.

The Post-Graduate course of study in Chemistry will embrace selections made with the advice of the Professor from some of the following studies:—Chemical Geology (Hunt); Chemical Philosophy (Cook); Chemical Technology (Wagner); Medical and Pharmaceutical Chemistry (Attfield); Toxicology (Taylor or Reese); Mineralogy (Dana).

IX.

MODERN LANGUAGES.

MELVILLE B. ANDERSON, *Professor.*

The Scientific and Philosophical courses comprise five terms of French and seven of German (including three terms in the 2d Preparatory year). In the Classical course, French and German are elective in the 2d and 3d terms of the Junior year. Throughout the course vigorous drill in grammar and composition goes hand in hand with the reading and translation of literary masterpieces.

GERMAN.

Candidates for admission to the Freshman class (Scientific and Philosophical courses) are required to pass an examination in the whole of Comfort's

German Course, Part I, including the exercises for translation into German, and in the first fifty pages of Whitney's German Reader. Equivalents are accepted.

Freshman Year.—During the whole of this year reading alternates with composition. Whitney's German Reader is read during the fall and winter terms, and Lessing's Minna von Barnhelm (Whitney) in the spring term. The text-books in German Composition are Joynes' "Exercises for Translating English into German" and Whitney's German Grammar.

Sophomore Year—Fall Term.—Schiller's Piccolomini (Hart) and Wallenstein are read, and instruction is given in German History, Geography and Literature.

FRENCH.

Sophomore Year.—Instruction in French begins in the winter term of the Sophomore year. Text-books: The French Principia, Part I, Grammar; Part II, Reading.

Junior Year.—Chardenal's "Advanced French Course," (in Grammar, Composition and Idioms) alternates throughout the year with reading.

In the *fall term* one or two modern plays will be read, and special attention given to pronunciation and the language of conversation.

In the *winter term*, Moliere's Misanthrope will be read, and, the *spring term*, "La Petite Fadette" by George Sand (Bocher).

Advanced German and French will be taught if elected, in the Senior year.

BOOKS OF REFERENCE.

Every student in this department should be provided with the following works: Whitney's German Dictionary, Gasc's French Dictionary, Taylor's or Sime's or Charlton Lewis' Manual of German History, Gostwick and Harrison's "Outlines of German Literature," The "Student's History of France" and a history of French Literature, that by Van Laun being the best. An Historical Atlas is also essential; Putnam's Series is good. The University Library contains several great works of reference, such as the dictionaries of Sanders, Littré, etc., which are a valuable aid to the advanced student.

THE SEXES.

Butler University admits both sexes without distinction as to courses of study.

REQUISITES FOR ADMISSION.

The requisites for admission to the Freshman class may be seen by consulting the Course of Study in the Preparatory Department, pages 17 and 18.

For admission to the First Preparatory class, students must give satisfactory evidence of a respectable knowledge of Arithmetic, English Grammar, Modern Geography, and the History of the United States.

Candidates for advanced standing must give satisfactory evidence, by examination or otherwise, of proficiency in the studies already passed by the class they propose to enter.

EDUCATIONAL AUXILIARIES.

I. LECTURES.

Lectures will be delivered by members of the Faculty, Friday mornings, before the whole school; and also special lectures will be delivered by the Professors of the various Departments in elucidation of the subjects of the text-books.

II. RHETORICAL EXERCISES.

In addition to the requirements in English literature, as indicated in the various courses of study, critical essays will be required of the several classes, on subjects pertinent to their different branches of study.

III. LITERARY SOCIETIES.

Four Literary Societies are now organized and in successful operation at the University. These are the Mathesian, Pythonian and Philokurian, composed of young gentlemen, and the Athenian, of young ladies.

All these Societies are, by the By-Laws of the University, placed under the supervision of the Faculty.

The Athenian receives the care and attention of Miss Merrill.

These Societies, properly conducted, are very important agencies in the social and literary culture of the students of the Institution. Well selected libraries, accessible to the members of the Societies, give important additional means of culture. Contributions to them will be thankfully received.

IV. COLLECTIONS IN NATURAL HISTORY.

The Cabinet of the University has been largely increased during the past year. It now consists of the following collections :

1. A very large collection of fossils, minerals, marine shells, etc., purchased of Mr. W. D. Frazee, of Santa Barbara, California. This, with a similar collection of fossils presented by Mr. Van Tuyl, of Ohio, affords a very complete illustration of the rocks and fossils of the different geological ages. The species found in this State are especially well represented.

2. A very large collection of the marine animals of the coast of Massachusetts, made by Prof. Jordan, at Cape Cod.

3. A collection of about 150 species of fishes preserved in alcohol, representing very completely the fish-fauna of the Ohio valley and the great Lake region.

4. A collection of about 400 species of land and fresh water shells, recently purchased of Mr. J. W. Byrkit, including most of the Unios of the Mississippi valley.

5. A collection of about 450 species of marine shells, chiefly from the Pacific Ocean, purchased of Mr. J. W. Byrkit.

6. A very complete collection of Indiana Lepidoptera, purchased of Mr. Byrkit, and of Wisconsin Coleoptera, deposited by Prof. Jordan.

7. A collection of reptiles and fishes, made in the mountains of East Tennessee by Prof. Jordan.

8. A number of skins of birds and mammals, mostly duplicates from Prof. Jordan's collection.

9. A small herbarium.

10. A very considerable number of stone implements and other specimens illustrative of Ethnology.

11. A collection of reptiles, fishes, etc., made by Prof. Jordan and Mr. Gilbert in the Allegheny region of the Southern States during the scientific expeditions of the past three summers. This collection is of much importance, as it includes the original types of upwards of fifty new species described by Prof. Jordan in the *Annals of the New York Lyceum of Natural History* and the *Bulletins of the United States National Museum*. Duplicate specimens of these species are now offered in exchange.

12. A large series of marine fishes—duplicates procured from the United States National Museum.

In the Department of American Ichthyology, the collection in the pos-

session of Butler University is the largest in the United States outside of Washington, Philadelphia and Boston.

It is hoped that the friends of this Institution will, whenever opportunity offers, forward specimens illustrative of any department of Natural History. Our native birds and mammals, especially the larger species, hawks, owls, eagles, etc., either dead or alive, are especially desirable. Fishes, reptiles and insects, preserved in alcohol, as well as minerals and fossils, are very welcome. Our friends traveling in different parts of the earth will please note this and remember us and our wants.

ORDER.

I. IN CHAPEL.

Each student, at the beginning of each term, will be assigned to a seat in the Chapel, which he will be expected to keep for the term. Perfect decorum, and entire abstinence from whispering, reading, and all overt demonstrations of approval or disapproval, will be required. Students will stand during singing and prayer.

II. CLASS ROOM.

Entire abstinence from intercommunication, and perfect quiet and attention to the recitation are here required.

III. COLLEGE BUILDING.

No student will be allowed to remain in the halls during recitation hours. At the ringing of each successive bell, the classes will be dismissed, and will proceed without delay to the room of the next recitation. Students not reciting will, unless expressly permitted to study elsewhere, be seated in one of the recitation rooms assigned for the purpose. Generally, they will be required to remain in the room where they recited last, until their next recitation.

IV. COLLEGE GROUNDS.

Students are not permitted to remain on the Campus, even for study, during recitation hours; and any loitering or playing in the Campus within that time will be considered highly disorderly.

V. GENERAL BEHAVIOR.

Courteous and respectful deportment from students to each other, and to the officers and Faculty of the Institution, a careful observance of by-laws as to character and conduct, will be a necessary condition of a continued connection with the University.

VI. ASSOCIATION OF THE SEXES.

As pleasure should ever be subordinate to duty, it is expected that only very limited time will be spent by the ladies and gentlemen in social intercourse. It is believed, however, that with only the restrictions demanded by propriety, the association of the sexes in the collegiate career will greatly promote the social, moral and intellectual culture of each.

VII. CHURCH.

Each student will be required to attend church at least once each Lord's day.

COLLEGE EXAMINATIONS.

I. DAILY CLASS.

The daily examinations of lessons will be conducted according to the best judgment of the Professor in charge. Careful attention will be given in all cases to secure the use of correct words and sentences. The prime objects of the recitation will be to test the student's preparation, and to develop his logical ability and capacity for expression.

II. TERM.

At the close of each term all the classes will be examined on the branches pursued during the term. These examinations will be entirely written, or partly written and partly oral, as the Faculty may determine. They will always be open for the attendance of visitors; the aim, however, will not be to make them a source of entertainment to visitors, but a rigid test of the student's knowledge.

III. SENIOR.

The Senior class will be examined on the studies of the Senior year three weeks before Commencement Day.

COLLEGE RECORDS.

I. MATRICULATION.

In the Matriculation Book of the University each student will record his name and age, and the name and post-office address of his parent or guardian.

II. CHAPEL.

The college roll will be called every morning, and each Monday morning students will report their absences, if any, from church. Generally, only sickness will be regarded as a valid excuse, and ten unexcused absences from class recitation will dismiss a student from the Institution.

III. DAILY.

In a Class Book, kept by each Professor, will be entered daily a record of the proficiency, deportment and attendance of each member of the class, from which his class-standing will be determined.

IV. TERM.

From his class-standing, and the result of his examinations at the close of each term, his final standing will be determined, which will be recorded on the University Record for future reference.

COLLEGE REPORTS.

During the last week of each term a report of the deportment, attendance and proficiency of each student will be prepared and sent to the parent or guardian.

DEGREES.

I. The degree of Bachelor of Arts is conferred on students who complete the studies in the course of Arts and pass the examinations in the same.

II. The degree of Bachelor of Science is conferred on students who complete the studies in the course of Science and pass the examinations in the same. This degree may be conferred also on students in special studies, whenever the special work done shall be deemed by the Faculty a full equivalent for the part of the Scientific course which may have been omitted.

III. The degree of Bachelor of Philosophy is conferred on students who complete the studies in the course of Philosophy and pass the examinations in the same.

No Bachelors' degree will be conferred on any person who may not have studied at least one year in this University.

IV. (1) The degree of Master of Arts, Master of Science or Master of Philosophy will be conferred on any student who shall have taken the corresponding Bachelor's degree at this University on the following conditions: (a) When such student shall have pursued a post-graduate course of study for one year under the direction of the Faculty, have passed a satisfactory examination and have presented an approved thesis on some one of the subjects chosen for examination; or, (b) When after not less than three years from the time of receiving the Bachelor's degree such student shall have given satisfactory evidence of having been engaged in some literary or professional pursuit, and shall present to the Faculty an approved thesis on some subject of research. (2) Any of the above-named Masters' degrees may be conferred on any person who may have taken the corresponding Bachelor's degree at any other institution authorized by law to confer such degree when he shall have given to the Faculty satisfactory evidence of scholarship, have pursued a post-graduate course of study under the direction of the Faculty, and have presented an approved thesis on some one of the subjects chosen for examination.

V. The degree of Doctor of Philosophy will be conferred on graduates of this University or of any other institution authorized to confer Bachelors'

degrees, who by special study in some department of Science, Literature or Philosophy may have obtained eminence as original investigators, and shall present to the Faculty a meritorious thesis based on such investigations.

VI. The honorary degree of A. M. or LL. D. occasionally will be conferred on persons who in addition to possessing fair scholarship may have attained eminence in some pursuit or profession.

The above degrees will be conferred by the Board of Directors upon the recommendation of the Faculty of the College to which the candidate belongs. A fee of ten dollars must accompany the application for the degree, which will be returned if the degree be not conferred.

DEGREES CONFERRED.

The Board have conferred during the year the honorary degree of Master of Arts upon Prof. Melville B. Anderson.

DIPLOMAS.

When a degree has been conferred, a diploma will be presented without further charge. Diplomas will also be granted upon satisfactory completion of the course in the Commercial Department.

TERMS OF COLLEGE YEAR 1878-9.

The college year or session is divided into three terms, as follows :

First Term will begin on Wednesday, the 11th day of September, and close on the 20th of the following December.

Second Term will begin on Monday, the 6th day of January, 1879, and end on Friday, April 4th.

Third Term will begin on Monday, April 7th, the week following the close of the preceding term, and end June 13th.

VACATION.

Vacation of one week will be given at the close of the first term.

F E E S.

IN COLLEGE.

Matriculation fee,	.	.	.	.	.	.	\$10 00
Janitor's fee, per term,	.	.	.	.	.	.	2 00
Library fee,	.	.	.	.	.	.	1 00
Graduation fee,	.	.	.	.	.	.	10 00

IN PREPARATORY DEPARTMENT.

Library fee,	.	.	.	.	.	.	1 00
Janitor's fee, per term,	.	.	.	.	.	.	4 00

IN COMMERCIAL DEPARTMENT.

Grammar School Classes, per term,	.	.	.	.	.	.	7 00
Book-keeping, per term,	.	.	.	.	.	.	10 00
Library fee,	.	.	.	.	.	.	1 00

Matriculation, Janitor's and Library fees must be paid before any student will be admitted to class recitations.

FREE TUITION.

The Tuition in Butler University *is free*. The small sum of \$2.00 *per term* is charged as a Janitor's fee in the University classes, \$4.00 *per term* in the Preparatory school, and \$1.00 Library fee, per year, for each student. A Matriculation fee of \$10.00 is charged on entering the Freshman year, and will also be charged in case of students coming from other schools and entering *above* the Freshman. *In no case, however, does the same student pay this fee more than once.*

BOARDING.

Board can be had in the best of private families for \$4.00 to \$5.00 per week. Students who "club" or rent rooms can live comfortably on one-half the above rates; and houses or rooms in houses near the University can be had at low rates. Quite a number of large, new houses can be rented cheaply, by families who desire to remove to Irvington for the purpose of educating their children, and those who wish to make permanent homes here will find property both desirable and cheap.

UNIVERSITY LIBRARY AND READING-ROOM.

The University Library is but in its infancy, but contains about 1200 volumes—many of them quite costly and rare—of the representative and, intrinsically, most valuable books in each of the great departments of literature and science. In science, only the latest and best have been chosen, the rapidly progressive character of many of the sciences having rendered many books, valuable twenty-five years since, now almost obsolete. In literature, those authors whom the verdict of ages has approved are well represented. Students will find the best cyclopedias, lexicons and maps, as well as manuals of special sciences, on the shelves. The scientific books are, many of them, exhaustive, and fully sufficient for the demands of any special or post-graduate course.

THE READING-ROOM.

The best weeklies, monthlies and quarterlies of England, France and America come regularly to the table of the Reading-room attached to the Library. These, together with the books of the Library, are daily (9 A. M. to 5 P. M., except Sundays and vacations) accessible, for reading and reference, to all the students of the Institution.

A yearly appropriation, for furnishing the Library with exhaustive works of reference in the various branches taught in the University, will be made.

CALENDAR.

COMMENCEMENT WEEK.

Baccalaureate Address by Pres. Burgess,	Sunday, 3 P. M., June 9
Mathesian Exhibition,	Monday evening, June 10
Pythonian Exhibition,	Tuesday evening, June 11
Class Day,	Wednesday, 2 P. M., June 12
Undergraduate Address by Rev. O. C. McCulloch,	Wednesday evening, June 12
Alumni Reunion,	Thursday, 10 A. M. to 3 P. M., June 13
Commencement Exercises,	Friday, 10 A. M., June 14

EXAMINATIONS.

Senior Examinations close,	Friday, May 24
Undergraduate Examinations close,	Tuesday, June 11

ANNIVERSARIES.

Mathesian Society,	May 5
Pythonian Society,	October 19
Athenian Society,	_____

HOLIDAYS.

Washington's Birthday.
 National Thanksgiving Day.
 Christmas—New Year's inclusive.

MEETING OF DIRECTORS.

Annual Meeting, Tuesday of Commencement week
 Quarterly Meetings, Second Wednesday of January, April, July and October

TO THE
ALUMNI OF BUTLER UNIVERSITY,
AND THEIR RELATIVES AND FRIENDS.

It is desirable to preserve biographical statistics of each graduate of the University for future use. Information as to any of the items following we would be glad to receive, addressed to the Secretary:

1. Names of graduates and parents.
2. Date, month and year, and place of birth.
3. Facts of early life and education.
4. Date of admission to College, and class entered.
5. Particulars of Professions studied, degrees, etc., etc.
6. Any offices, titles, honors of after life.
7. Marriage, facts of subsequent history, and time, place and circumstances of decease.

NEW LOCATION.

A donation of one hundred and fifty thousand dollars (to be paid in five equal annual installments) and of a beautiful new Campus of twenty-five acres were generously offered by the enterprising citizens of Irvington, on condition that the University should be removed to that place. The Campus is situated in a natural grove of forest trees, adjoining Irvington on the west, and between the Central and Junction railroads.

The grounds are high and command a beautiful view of the surrounding country for miles, embracing the handsome villas, winding streets and tastefully laid out grounds of the beautiful suburb which they adjoin.

THE NEW BUILDING.

Accepting the above-named offer, the Board at once appointed a Building Committee, under instructions to proceed as rapidly as the payment of the proposed donation would justify, and erect a building suitable to the wants and purposes of the Institution. Under their instructions, the Committee commenced laying the foundation in the fall of 1874, and the building was ready for occupancy, and the school opened in it on the 15th of September, 1875.

The building is of brick, with stone foundation and trimmings; is 75x135 feet, two stories and a basement, and will conveniently accommodate five hundred students. It has been built and finished, not so much with reference to costly architecture and display in style, as with reference to the exact wants of the teacher and the class. It is heated throughout with steam—has hot and cold water, and all the modern conveniences. On the basement floor are located the Secretary's office, the Board room, Janitor's room, and four large Cabinet and Laboratory rooms, two Recitation or Lecture rooms, a fine Library, and a Reading room. On the second floor are eight large Recitation rooms, and adjoining each a private room for the professor. On the third floor is the Chapel, 52x60 feet in clear, with gallery. It is lighted in full on both sides, and finished and furnished in the best of taste for the wants of an institution of learning, and will comfortably seat five hundred students. Also on this floor are four Society halls, for the four literary societies already organized. There are also on each floor from two to three large

hat and cloak rooms for both ladies and gentlemen. There are two halls running through the building, giving four doors for entrance and exit, and one transverse hall connecting these two. There are four stairways to ascend and descend, these landing in the main and connecting halls above and below, so that a very large number of students can pass from room to room, or from floor to floor, with perfect ease and convenience. The floors and walls are all "deadened"; blackboards are built in the walls of all rooms needing them; the chemical laboratory is furnished with gas and gas is also taken through the entire building; the most approved method of ventilation in both floors and halls, through flues, has been introduced, besides the windows, with which every room has a plentiful supply; and, in a word, the most careful attention has been given throughout to make the building one of the most complete and perfect college buildings anywhere to be found. And the Board believe they have accomplished this; such at least is the opinion of those competent to judge, who have visited and inspected the building.

Other buildings will also be erected from time to time, as the wants of the school may require.

IRVINGTON.

This suburb enjoys an elevated and undulating site, about four miles east of Indianapolis, on the National Road, and on the P., C. & St. L., and C., H. & I. Railroads.

The streets have been laid out of generous width—usually winding—and the ground subdivided into lots usually from one to three acres, and, so far, adorned with a number of handsome and costly private residences.

For the accommodation of the citizens and University students, a street railway has been built, connecting the suburb with the city. This, with the regular and special trains of the two railroads, furnishes rapid and cheap transportation to and from the city.

TO REACH IRVINGTON.

Students coming from the east on either the Junction or Central Railroad, can take a train that *stops* at Irvington. Students coming on any other road will come to Indianapolis—but without leaving Union Depot can take either of the above roads to Irvington; or, three squares from Union Depot, can take the Irvington street car. The distance is but four miles. New students on arriving will report immediately to the Secretary, at his office in the buildings, where they will be assisted in securing suitable places to board.

HOMES IN IRVINGTON.

The days of "real estate speculation" having passed, for the present at least, and property having returned to its normal value, it can be confidently asserted that no better time can occur for the friends of the University to purchase lots and build for themselves homes, either for permanent residence, or for a series of years, while educating their children. Several families have recently removed here for that purpose, and it is expected that, at no distant day, many more will avail themselves of the same opportunities.

AN ORDINANCE
FOR THE
GOVERNMENT OF THE UNIVERSITY.

OF STUDENTS.

SECTION 19. Students of either sex, of good moral character and habits, shall be entitled to admission into the University. Every candidate for admission as a student must pay the Treasurer of the Institution the tuition fees in advance, for not less than one term. Each student of the age of fourteen years or upwards, when he or she applies for admission as a student, shall procure and read a copy of the By-Laws pertaining to the duties of students, and shall then sign his or her name in a book to be kept for that purpose by the Secretary of the Faculty, stating his or her age and place of nativity, and the name of his or her parent or guardian, under a caption, in the following words: "Having carefully read the By-Laws pertaining to the duties of the students of Butler University, I do hereby subscribe myself student thereof; and I do hereby solemnly promise that during my connection with it, I will faithfully observe and obey its laws, rules and regulations."

SECTION 20. To remain a student in connection with the University, every student is requested to observe the following regulations:

1. Immediately after matriculation, the student shall select from the different schools, with the advice and consent of the Faculty, an amount of study equal to three daily recitations.
2. That the student be diligent in study, and punctual in his attendance upon recitations, examinations and other college exercises.
3. That, having entered any College class, the student shall not leave it without permission of the Faculty.
4. That the student neither introduce nor use upon the premises of the University any intoxicating beverages.
5. That the student do not bring nor use upon said premises any fire-arms, dirk, bowie-knife, or any other kind of deadly weapon.
6. That the student abstain from profanity, the desecration of the Lord's

Day, all kinds of gaming, even for amusement, and whatever is inconsistent with good order, good taste, and good morals.

7. That the student attend public worship at least once every Lord's Day.

8. That the student be strictly moral in language and conduct, respectful to the officers of the institution, and courteous and kind to all the students of the University.

9. That the student carefully observe all the rules and regulations contained in any part of this Ordinance, respecting fees, societies, and University grounds and buildings.

The marriage of any student, during term time, shall, in the discretion of the Faculty, be regarded as sufficient reason for the disconnection of such student from the institution for the remainder of the term.

OF DISCIPLINE.

SECTION 22. The discipline of the University is confined to the Faculty, under the provisions herein contained. As far as practicable, it shall be parental, and all severe and disgraceful punishment shall be avoided, and appeals addressed to the reason and conscience. But to maintain good order, and to secure the very important objects for which the institution was founded, the Faculty may inflict, at their discretion, according to the character of the offense, any of the following penalties:

1. Private admonition.
2. Public admonition.
3. Suspension for a time, at the discretion of the Faculty.
4. Expulsion.

No student shall be publicly suspended or expelled without an opportunity of being fully heard in his or her own defense; and in all cases of expulsion the party expelled may appeal to the Board within thirty days, in which case the action of the Faculty shall not be final till confirmed by the Board of Directors as soon as they can be called together.

But whenever the Faculty are satisfied that, owing to the habitual idleness, profanity, or any other cause, the presence of a student in the University is unfavorable to its prosperity and the welfare of other students, they may suspend him or her privately, or require the parent or guardian to remove such student immediately from the institution. In all cases of suspension or expulsion the delinquent shall forfeit the fees for the remainder of the term.

SECTION 23. The Faculty may, from time to time, make such prudential regulations pertaining to the social intercourse of the sexes as they may deem expedient.

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THE
ANNUAL CATALOGUE
OF
BUTLER UNIVERSITY,

IRVINGTON, INDIANA,

FOR THE
TWENTY-FOURTH SESSION,

1878-9.

WITH ANNOUNCEMENTS FOR 1879-80.

INDIANAPOLIS:
DOUGLASS & CARLON, BOOK AND JOB PRINTERS.
1879.